

DIN EN ISO 14125 Flexural Properties of Fiber-Reinforced Plastic

Applications:

Flexural properties are essential for understanding the mechanical behavior of fiber-reinforced polymer matrix composites under bending loads. This fixture, designed in accordance with DIN EN ISO 14125, provides a standardized method for determining the flexural properties of composite materials using a three-point bending test. The fixture ensures accurate specimen preparation and support, allowing for precise measurement of flexural strength, flexural modulus, and other related properties. This information is crucial for evaluating the performance of composite materials in various applications, ensuring their suitability for structural and load-bearing applications where bending stresses are prevalent, and contributing to the overall safety and reliability of composite structures.

Parameter:

Model	HST-GBT104A
Standards	ISO 14125 (3-point bending) ASTM D7264 (3-point bending)
Capacity	10kN
Specimen type	Polymer matrixcomposites,plastics
Loading nose	R5mm
Support roller	R2mm,R5mm
Span	10~160mm
Temperature	0~40℃

